



Department of Information Technology

An Industrial Visit Report on AHPPL

An Industrial visit to Adani Hazira Port Pvt. Ltd. (AHPPL) was organized by the Department of Information Technology Department under the Project UDAAN by Adani Foundation which is a project inspired by the life-changing story of Mr. Gautam Adani, the Chairman of the Adani Group. As a college boy, Mr. Adani had visited the Kandla port, Gujarat and after looking at the expanse of the port, he dreamt of having his own port one day. The rest is history.

Udaan is a learning based initiative focused on the youth coming from various schools/colleges across the state of Gujarat. Under this project, an exposure tour is organized wherein students are given a chance to visit the Adani Port, facilities at the Hazira site, to get an insight into the large scale business activities carried out there.

The visit was commissioned on **11th October 2023**. **B.Tech. I.T. Sem 3 students** were accompanied by **Prof Hiren H. Vavaiya, Dr. Mita Parikh and Dr. Dhruti Sharma**. Number of students visited were 53. The major objective behind organizing such trips is to encourage young minds to develop an interest in all sorts of enterprises and to encourage them to dream big in life. When the young students are given exposure, it helps them to understand their own potential and get motivated to work towards the same.

Key takeaways of the Industrial Visit

1. A fruitful discussion was undertaken about the importance of IT in the field of logistics and the overall development of the industry.
2. The students were taken to visit and observe the entire port area from the bus.
3. A visit to Adani Wilmar Warehouse, where students were shown how various kinds of raw oil is filtered to refined oil. And also shown packaging of oil pouches..

The entire visit was mentored by **Ms. Krishna Mandaviya**, Project Officer, Corporate Social Responsibility, Adani Foundation.

About Adani Group

The Conglomerate Adani Group consists of Adani Foundation, Adani Power, Adani Renewables, Adani Gas, Adani Transmission, Adani Energies, Adani Agri Logistics, Adani Wilmar etc.

Adani Hazira Port Private Limited

1. Spread over 25 kms area.
2. India's Largest Coal Storage Hub
3. India's Largest Port based Manufacturing Hub
4. India's Largest Commercial Port Company

Adani Hazira Port Businesses

It comprises of Industrial Land, Logistics and Port & Terminals. Adani Ports and Special Economic Zone Limited (APSEZ) operates ports in Hazira, Mundra, Dahej, Dhamra, Kattupalli and terminals in Visakahapatnam, Mormugao and Kandla (Tuna-Tekra). The Ennore Container terminal and Vizhinjam port are in construction phase.

The Services and Commodities handled at Adani Hazira Port are

1. Liquid Cargo (Liquid, Crude)
2. Break Bulk Cargo (Steel, Project Cargo, Timber)
3. Dry Bulk Cargo (Coal, Agri., Minerals, Fertilizer)
4. Dredging Marine Services
5. Container Cargo (Containers, RoRo)

Brief Description of the Industrial Visit

We reached the Adani Hazira Port at 9:45 am. A brief presentation regarding the Adani Group was delivered by **Ms. Krishna Mandaviya**, Project Officer, CSR, Adani Foundation. AHPPL has its own cape-size vessels and the company deals with an import-export business of coal and has its own thermal power plant, CNG plant, LPG plant and Solar plants across India. With an asset base of \$20M, Adani is India's one of the faster growing conglomerates.

The students were briefed about the Hazira Port. 15,000 to 20,000 Containers are transported per ship. The port has 219 liquid tanks and the handling of liquid is carried through pipelines directly from the ship. The port also comprises of steel yard, coal yard and bulk yard.

Then students were taken to visit and observe the entire port area from our bus. We observed the 2.5 kms long conveyer belt used for easy handling of heavy goods. We saw 4-5 cargo vessels were offloading containers of 20 to 40ft sizes. The entire port works on automation.

Then we were taken to the control room. They use the software "Automatic Identification System" which uses GPS technique for the positioning of the vessel. Every vessel has a unique IMO (International Maritime Organization) number and is registered through that number. The communication device works on UHF for 5-6 kms and on VHF for 120 kms. Approximately 100 ships are handled at the port per month. That implies 3-4 ships per day.

Afterwards we took lunch, group photo and at last we were taken to visit Adani Wilmar warehouse . where they demonstrate how raw oil is filtered to refined oil and also packaging of various size of oil pouches.

In the nutshell, the overall experience was memorable. We extend gratitude to the Adani Group, Adani Foundation for providing us a wonderful opportunity to visit their esteemed industry.

Following are the few images during company visit.







Report Compiled By: Prof. Hiren H. Vavaiya